

## A new species and subgenus of the *Lasiocampidae* for the fauna of Turkey (*Lepidoptera*)

Muhabbet Kemal Ahmet Ömer Koçak

**Abstract:** A new species and subgenus of the *Lasiocampidae* for the fauna of Turkey (*Lepidoptera*). *Cesa News* 76: 1-2, 1 fig.

In this short note, *Eriogaster (Autosphyla) neogena*, together with its subgenus *Autosphyla* Rambur is reported in Turkey for the first time. The material was collected by the authors in October from Kars Province in NE Turkey. Adult moth is also illustrated.

**Key words:** *Eriogaster*, *Autosphyla*, *neogena*, *Lasiocampidae*, *Lepidoptera*, fauna, Kars, Turkey.

During the expeditions made by the authors to various provinces of Turkey in 2007, 5 males of the genus *Eriogaster neogena* F.W. were collected from Kağızman, Akçay (1220m), from the arid mountain steppe on 11 October, 2007.

Zolotuhin (2007) identified some *Eriogaster* species in Turkey and noted that the subgenus *Autosphyla* Rambur and one of its species, namely, *neogena* Fischer von Waldheim have not been recorded in Turkey. *Eriogaster neogena* F.W. is distributed from Caucasus (Georgia, Armenia, Azerbaidjan) to Iran, Central Asia (South Russia, Kazakhstan, Uzbekistan, Kirgizistan), in the last countries, represented by the subsp. *rueckbeili* Graeser, 1892.<sup>1</sup>

Occurrence of the species in Aras valley is not a surprise but first record of the species for the fauna of Turkey. Similarly, its subgenus *Autosphyla* Rambur, 1866 is recorded in Turkey for the first time. The adult moth is active in autumn (October), but larval food plant in Turkey is still unknown.<sup>2</sup>

### References:

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Zolotuhin, V.V., 2007, On the identity of the Turkish species of *Eriogaster rimicola*-group (*Lasiocampidae*) *Nota lepid.* 30: 45-50, figs.

<sup>1</sup> Info-system of the Cesa <http://www.cesa-tr.org/Infos.htm>

<sup>2</sup> Zolotuhin (1995: 280) reported its larval food plant as “*Caragena* [sic!] frutex” from Central Asia. *Caragana* is a genus of about 80 species of the family *Fabaceae*, ranging from East Europe to Central Asia.



**Fig. 1** - *Eriogaster neogena* (Lasiocampidae) (male) Turkey Kars Province, Kağızman, Akçay 1220m, 11 10 2007 M Kemal (Cesa)

## Occurrence of *Stiphrometasia monialis* in Northern Pakistan (Lepidoptera, Pyralidae)

Ahmet Ömer Koçak   Muhabbet Kemal

**Abstract:** Occurrence of *Stiphrometasia monialis* in Northern Pakistan (Lepidoptera, Pyralidae).

*Cesa News* 76: 2-4, 2 figs., 1 map.

In this short note, four new localities of *Stiphrometasia monialis* in North Pakistan are reported. Male genitalia of the species is illustrated for the first time.

**Key words:** *Stiphrometasia monialis*, Pyralidae, Lepidoptera, fauna, Pakistan.

The species was described by Erschoff from Samarkand [Uzbekistan] with the name combination "*Botys monialis*" (Erschoff, 1871). Hampson (1896: 422) placed it in the genus *Metasia* and reported from Campbellpor in Punjab [Pakistan]. Finally, Zerny proposed a new genus *Stiphrometasia* in 1914, with the type selection of "*Botys monialis*". This name combination of the species is currently valid.



**Fig. 1** – *Stiphrometasia monialis* (Pyralidae) upperside of female. Pakistan Pasu 2500m 17 7 1987 A Koçak leg, photo M Kemal (Cesa)



**Fig. 2** – *Stiphrometasia monialis* (Pyralidae), male genitalia. Pakistan Pasu (Gen. Pr. No.1125, Koçak,1987) photo M Kemal (Cesa)





**Map 1** – *Stiphrometasia monialis* in northern Pakistan. 1- Campbellpor (=Attock) (Hampson (1896), 2-5. present records: 2- Gilgit, 3- Karimabad, 4- Pasu, 5- Sost [basic map: Google Earth]

During the expedition in North Pakistan in 1987 (Koçak, 1989), the first author recorded this nocturnal species at four new localities in July, between 1500-2800m of the Upper Heights (Figs. 1, 2; Map 1).

The genus contains three species ranging in South West Asia; *monialis* Erschoff (type-species), *sancta* Hampson (Palestina, Transjordan, Turkey<sup>3</sup>, Iraq, Iran), and *pavonialis* Hampson (Yemen).

**Material studied:** North Pakistan: 59♂♀ Gilgit Agency: Pasu 2500m 17 07 1987; 1♂ 2♀ Gilgit Agency: Sost 2800m 18 07 1987; 3♀ Gilgit Agency: Karimabad 2200m 19 07 1987; 32♂♀ Gilgit Agency: Gilgit 1500m 20 07 1987 leg. A. Koçak (coll. Cesa).

**Range of the species:** Iran, Afghanistan, Turkmenistan, Uzbekistan, North India, and North Pakistan (present record).

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<sup>3</sup> In Turkey it is known in four provinces; Diyarbakır (Kulp), Kahramanmaraş, Mardin, and Siirt (Kurtalan, Şirvan) (Cesa infosystem).

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